

## Title (en)

Wear indicator element for the friction lining of an automobile and wear indicator including such an element

## Title (de)

Körper der Verschleißanzeige eines Kraftfahrzeug-Reibbelags und Verschleißanzeige, die einen solchen Körper umfasst

## Title (fr)

Corps de témoin d'usure de garniture de friction de véhicule automobile et témoin d'usure comprenant un tel corps

## Publication

**EP 1933056 A1 20080618 (FR)**

## Application

**EP 07123056 A 20071212**

## Priority

FR 0655479 A 20061213

## Abstract (en)

The body (12) has opposite surfaces adjacent to a wear surface (18). The opposite surfaces are provided with grooves to house electrical conductive wires, respectively. One of the grooves (22B) forms a circuit in corresponding opposite surface (20B) and comprises a proximal portion (28B) defined more closely to the wear side. Each of the grooves connects two ends emerging in a surface (26) opposite to the wear surface. A maintaining unit (29) maintains each electrical conductive wire to corresponding groove. An independent claim is also included for a wear indicator comprising a body.

## Abstract (fr)

Le corps (12) est destiné à équiper un témoin (10) du type comportant deux fils conducteurs électriques (16A, 16B). Le corps (12) comporte une face d'usure (18) et deux faces opposées (20A, 20B) adjacentes à la face d'usure (18). Chacune des faces opposées (20A, 20B) est munie d'une gorge (22A, 22B) de logement d'un fil conducteur électrique (16A, 16B) respectif, chaque gorge (22A, 22B) formant un circuit dans la face (20A, 20B) correspondante, et comportant une portion proximale (28A, 28B) définie comme étant sa portion la plus proche de la face d'usure (18).

## IPC 8 full level

**F16D 66/02** (2006.01)

## CPC (source: EP)

**F16D 66/027** (2013.01)

## Citation (search report)

- [A] DE 20014875 U1 20010301 - PEX KABELTECHNIK GMBH [DE]
- [A] EP 0536006 A1 19930407 - BENDIX EUROP SERVICES TECH [FR]
- [A] FR 2485133 A1 19811224 - VALEO [FR]
- [A] DE 4036400 A1 19920521 - TEVES GMBH ALFRED [DE]

## Cited by

CN109027072A

## Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

## Designated extension state (EPC)

AL BA HR MK RS

## DOCDB simple family (publication)

**EP 1933056 A1 20080618; EP 1933056 B1 20090909**; AT E442536 T1 20090915; DE 602007002366 D1 20091022; FR 2910096 A1 20080620; FR 2910096 B1 20110225

## DOCDB simple family (application)

**EP 07123056 A 20071212**; AT 07123056 T 20071212; DE 602007002366 T 20071212; FR 0655479 A 20061213